

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/532,868  
Source: P4710  
Date Processed by STIC: 5/10/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 05/10/2005

PATENT APPLICATION: US/10/532,868

TIME: 13:54:29

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\05102005\J532868.raw

3 <110> APPLICANT: Commissariat a l Etude Atomique (CEA)  
 4 Centre National de la Recherche Scientifique (CNRS)  
 6 <120> TITLE OF INVENTION: A method for performing restrained dynamics docking of one  
 or  
 7 multiple substrates on multi-specific enzymes  
 9 <130> FILE REFERENCE: D20647  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/532,868  
 C--> 11 <141> CURRENT FILING DATE: 2005-04-28  
 11 <150> PRIOR APPLICATION NUMBER: US 60/421,569  
 12 <151> PRIOR FILING DATE: 2002-10-28  
 14 <160> NUMBER OF SEQ ID NOS: 18  
 16 <170> SOFTWARE: PatentIn version 3.2

**Does Not Comply**  
**Corrected Diskette Needed**

## ERRORED SEQUENCES

1741 <210> SEQ ID NO: 18  
 1742 <211> LENGTH: 503  
 1743 <212> TYPE: PRT  
 1744 <213> ORGANISM: Mouse  
 1746 <220> FEATURE:  
 1747 <223> OTHER INFORMATION: CYP3A13  
 1749 <400> SEQUENCE: 18

P. 2

1751 Met	Asp	Leu	Ile	Pro	Asn	Phe	Ser	Met	Glu	Thr	Trp	Met	Leu	Leu	Ala
1752 1				5					10				15		
1754 Thr	Ser	Leu	Val	Leu	Leu	Tyr	Leu	Tyr	Gly	Thr	His	Ser	His	Gly	Ile
1755			20					25					30		
1757 Phe	Lys	Lys	Leu	Gly	Ile	Pro	Gly	Pro	Lys	Pro	Leu	Pro	Phe	Leu	Gly
1758			35				40					45			
1760 Thr	Ile	Leu	Ala	Tyr	Gln	Lys	Gly	Phe	Trp	Glu	Cys	Asp	Ile	Gln	Cys
1761		50				55				60					
1763 His	Lys	Lys	Tyr	Gly	Lys	Met	Trp	Gly	Leu	Tyr	Asp	Gly	Arg	Gln	Pro
1764 65					70				75					80	
1766 Val	Leu	Ala	Ile	Thr	Asp	Pro	Asp	Ile	Ile	Lys	Thr	Val	Leu	Val	Lys
1767				85					90					95	
1769 Glu	Cys	Tyr	Ser	Thr	Phe	Thr	Asn	Arg	Arg	Arg	Phe	Gly	Pro	Val	Gly
1771			100					105					110		
1773 Ile	Leu	Lys	Lys	Ala	Ile	Ser	Ile	Ser	Glu	Asn	Glu	Glu	Trp	Lys	Arg
1774			115					120					125		
1776 Ile	Arg	Ala	Leu	Leu	Ser	Pro	Thr	Phe	Thr	Ser	Gly	Arg	Leu	Lys	Glu
1777			130				135				140				
1779 Met	Phe	Pro	Ile	Ile	Asn	Gln	Phe	Thr	Asp	Val	Leu	Val	Arg	Asn	Met
1780 145					150					155				160	
1782 Arg	Gln	Gly	Leu	Gly	Glu	Gly	Lys	Pro	Thr	Ser	Met	Lys	Asp	Ile	Phe

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1783          165          170          175
1785 Gly Ala Tyr Ser Met Asp Val Ile Thr Ala Thr Ser Phe Gly Val Asn
1786          180          185          190
1788 Ile Asp Ser Leu Asn Asn Pro Gln Asp Pro Phe Val Glu Lys Ile Lys
1789          195          200          205
1791 Lys Leu Leu Lys Phe Asp Ile Phe Asp Pro Leu Phe Leu Ser Val Thr
1792          210          215          220
1794 Leu Phe Pro Phe Leu Thr Pro Val Phe Asp Ala Leu Asn Val Ser Leu
1795 225          230          235          240
1797 Phe Pro Arg Asp Val Ile Ser Phe Phe Thr Thr Ser Val Glu Arg Met
1798          245          250          255
1800 Lys Glu Asn Arg Met Lys Glu Lys Glu Lys Gln Arg Val Asp Phe Leu
1801          260          265          270
1803 Gln Leu Met Ile Asn Ser Gln Asn Tyr Lys Thr Lys Glu Ser His Lys
1804          275          280          285
1806 Ala Leu Ser Asp Val Glu Ile Val Ala Gln Ser Val Ile Phe Ile Phe
1807          290          295          300
1809 Ala Gly Tyr Glu Thr Thr Ser Ser Ala Leu Ser Phe Ala Leu Tyr Leu
1810 305          310          315          320
1812 Leu Ala Ile His Pro Asp Val Gln Lys Lys Leu Gln Asp Glu Ile Asp
1813          325          330          335
1815 Ala Ala Leu Pro Asn Lys Ala Pro Ala Thr Tyr Asp Thr Leu Leu Gln
1816          340          345          350
1818 Met Glu Tyr Leu Asp Met Val Val Asn Glu Thr Leu Arg Leu Tyr Pro
1819          355          360          365
1821 Ile Ala Gly Arg Leu Glu Arg Val Cys Lys Thr Asp Val Glu Ile Asn
1822          370          375          380
1824 Gly Leu Phe Ile Pro Lys Gly Thr Val Val Met Ile Pro Thr Phe Ala
1825 385          390          395          400
1827 Leu His Lys Asp Pro Lys Tyr Trp Pro Glu Pro Glu Glu Phe Arg Pro
1828          405          410          415
1830 Glu Arg Phe Ser Lys Lys Asn Gln Asp Ser Ile Asn Pro Tyr Met Tyr
1831          420          425          430
1833 Leu Pro Phe Gly Ser Gly Pro Arg Asn Cys Ile Gly Met Arg Phe Ala
1834          435          440          445
1836 Leu Ile Asn Met Lys Val Ala Leu Val Arg Val Leu Gln Asn Phe Thr
1837          450          455          460
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1840 465          470          475          480
1842 Gly Leu Leu Gln Pro Glu Asn Pro Leu Leu Leu Lys Val Val Ser Arg
1843          485          490          495
1845 Asp Glu Thr Val Ser Asp Glu
1846          500

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E--&gt; 1851 1

**VERIFICATION SUMMARY**

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1851 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18